



BY: JRASMUSSEN

| PROJECT DESCRIPTION | | EQUIPMENT LIST "A" | | EQUIPMENT LIST "B" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p><u>GENERAL</u></p> <p>THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNALS AT THE INTERSECTIONS OF MD 210 (INDIANHEAD HIGHWAY) AND PALMER / LIVINGSTON ROAD AND MD 210 (INDIANHEAD HIGHWAY) AND LIVINGSTON ROAD / SWAN CREEK IN PRINCE GEORGES COUNTY, MARYLAND. MD 210 (INDIANHEAD HIGHWAY) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.</p> <p><u>INTERSECTION OPERATION</u></p> <p><u>MD 210 AND LIVINGSTON ROAD / PALMER ROAD</u></p> <p>THE INTERSECTION WILL OPERATE IN A NEMA EIGHT-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH THE MD 210 APPROACHES OPERATING CONCURRENTLY AND THE LIVINGSTON ROAD / PALMER ROAD APPROACHES OPERATING SPLIT.</p> <p>EXCLUSIVE LEFT-TURN PHASING EXISTS FOR NORTHBOUND AND SOUTHBOUND MD 210 APPROACHES AND EXCLUSIVE LEFT-TURN PHASING IS PROVIDED FOR LIVINGSTON ROAD/ PALMER ROAD APPROACHES</p> <p>AN ALTERNATE PEDESTRIAN PHASE IS PROVIDED ON SOUTH LEG OF MD 210 AND PEDESTRIAN INDICATIONS WILL BE PROVIDED ACROSS THE EAST LEG OF PALMER ROAD.</p> <p><u>MD 210 AND LIVINGSTON ROAD / SWAN CREEK ROAD</u></p> <p>THE INTERSECTION OPERATION WILL REMAIN THE SAME.</p> <p><u>CONTROLLER REQUIREMENTS</u></p> <p>THE EXISTING BASE MOUNTED CABINET AND CONTROLLER SHALL BE USED AT BOTH INTERSECTIONS.</p> | | <p>A. EQUIPMENT TO BE SUPPLIED BY THE SHA</p> <table><thead><tr><th>CATEGORY CODE</th><th>QUANTITY</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>973023</td><td>18 S.F.</td><td>SHEET ALUMINUM SIGNS TO CONSIST OF : - 2 EACH R3-5(L) SIGN (30 IN. x 36 IN.) - SPAN MOUNT - 4 EACH R10-4(1) SIGN (9 IN. x 12 IN.) - POLE MOUNT</td></tr></tbody></table> | | CATEGORY CODE | QUANTITY | DESCRIPTION | 973023 | 18 S.F. | SHEET ALUMINUM SIGNS TO CONSIST OF : - 2 EACH R3-5(L) SIGN (30 IN. x 36 IN.) - SPAN MOUNT - 4 EACH R10-4(1) SIGN (9 IN. x 12 IN.) - POLE MOUNT | <p>B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR</p> <table><thead><tr><th>CATEGORY CODE</th><th>QUANTITY</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>203030</td><td>3 C.Y.</td><td>TEST PIT EXCAVATION</td></tr><tr><td>585462</td><td>900 L.F.</td><td>REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH</td></tr><tr><td>585405</td><td>1950 L.F.</td><td>5 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS</td></tr><tr><td>585407</td><td>1570 L.F.</td><td>5 INCH YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS</td></tr><tr><td>585408</td><td>340 L.F.</td><td>10 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS</td></tr><tr><td>585620</td><td>490 L.F.</td><td>12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS</td></tr><tr><td>585624</td><td>195 L.F.</td><td>24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS</td></tr><tr><td>585626</td><td>4 EACH</td><td>HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTERS</td></tr><tr><td>585630</td><td>6 EACH</td><td>HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS</td></tr><tr><td>801004</td><td>4 C.Y.</td><td>CONCRETE FOR SIGNAL FOUNDATION</td></tr><tr><td>802145</td><td>1 EACH</td><td>ADJUST EXISTING HANDHOLE</td></tr><tr><td>802501</td><td>300 L.F.</td><td>NO. 6 AWG STRANDED BARE COPPER GROUND WIRE</td></tr><tr><td>805115</td><td>35 L.F.</td><td>3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED</td></tr><tr><td>805135</td><td>600 L.F.</td><td>3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED</td></tr><tr><td>805160</td><td>25 L.F.</td><td>1 INCH LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE</td></tr><tr><td>810550</td><td>1 EACH</td><td>MICROLOOP PROBE, 500 FOOT LEAD IN CABLE</td></tr><tr><td>810555</td><td>3 EACH</td><td>MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE</td></tr><tr><td>811001</td><td>7 EACH</td><td>FURNISH AND INSTALL ELECTRICAL HANDHOLE</td></tr><tr><td>813015</td><td>18 S.F.</td><td>INSTALL OVERHEAD SIGN</td></tr><tr><td>813023</td><td>60 S.F.</td><td>RELOCATE EXISTING GROUND MOUNTED SIGNS</td></tr><tr><td>818004</td><td>4 EACH</td><td>10 FOOT BREAKAWAY PEDESTAL POLE</td></tr><tr><td>837001</td><td>4 EACH</td><td>GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH</td></tr><tr><td>860265</td><td>3 EACH</td><td>RELOCATE EXISTING SIGNAL HEAD</td></tr><tr><td>860284</td><td>21 EACH</td><td>12 INCH L.E.D. 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COUNTDOWN PEDESTRIAN SIGNAL HEAD SECTION</td></tr><tr><td>800000</td><td>1 EACH</td><td>INSTALL CONDUIT BEND IN EXISTING FOUNDATION</td></tr><tr><td>800000</td><td>4 EACH</td><td>AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION</td></tr><tr><td>800000</td><td>3 EACH</td><td>CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE</td></tr><tr><td>800000</td><td>1 EACH</td><td>AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON BASE UNIT</td></tr><tr><td>800000</td><td>1 EACH</td><td>REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT</td></tr></tbody></table> | | CATEGORY CODE | QUANTITY | DESCRIPTION | 203030 | 3 C.Y. | TEST PIT EXCAVATION | 585462 | 900 L.F. | REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH | 585405 | 1950 L.F. | 5 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS | 585407 | 1570 L.F. | 5 INCH YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS | 585408 | 340 L.F. | 10 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS | 585620 | 490 L.F. | 12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS | 585624 | 195 L.F. | 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS | 585626 | 4 EACH | HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTERS | 585630 | 6 EACH | HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS | 801004 | 4 C.Y. | CONCRETE FOR SIGNAL FOUNDATION | 802145 | 1 EACH | ADJUST EXISTING HANDHOLE | 802501 | 300 L.F. | NO. 6 AWG STRANDED BARE COPPER GROUND WIRE | 805115 | 35 L.F. | 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED | 805135 | 600 L.F. | 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED | 805160 | 25 L.F. | 1 INCH LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE | 810550 | 1 EACH | MICROLOOP PROBE, 500 FOOT LEAD IN CABLE | 810555 | 3 EACH | MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE | 811001 | 7 EACH | FURNISH AND INSTALL ELECTRICAL HANDHOLE | 813015 | 18 S.F. | INSTALL OVERHEAD SIGN | 813023 | 60 S.F. | RELOCATE EXISTING GROUND MOUNTED SIGNS | 818004 | 4 EACH | 10 FOOT BREAKAWAY PEDESTAL POLE | 837001 | 4 EACH | GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH | 860265 | 3 EACH | RELOCATE EXISTING SIGNAL HEAD | 860284 | 21 EACH | 12 INCH L.E.D. 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| 203030 | 3 C.Y. | TEST PIT EXCAVATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 585462 | 900 L.F. | REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 585405 | 1950 L.F. | 5 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 585407 | 1570 L.F. | 5 INCH YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 585408 | 340 L.F. | 10 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 585620 | 490 L.F. | 12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 585624 | 195 L.F. | 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 585626 | 4 EACH | HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTERS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 585630 | 6 EACH | HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 801004 | 4 C.Y. | CONCRETE FOR SIGNAL FOUNDATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 802145 | 1 EACH | ADJUST EXISTING HANDHOLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 802501 | 300 L.F. | NO. 6 AWG STRANDED BARE COPPER GROUND WIRE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 805115 | 35 L.F. | 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 805135 | 600 L.F. | 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 805160 | 25 L.F. | 1 INCH LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 810550 | 1 EACH | MICROLOOP PROBE, 500 FOOT LEAD IN CABLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 810555 | 3 EACH | MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 811001 | 7 EACH | FURNISH AND INSTALL ELECTRICAL HANDHOLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 813015 | 18 S.F. | INSTALL OVERHEAD SIGN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 813023 | 60 S.F. | RELOCATE EXISTING GROUND MOUNTED SIGNS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 818004 | 4 EACH | 10 FOOT BREAKAWAY PEDESTAL POLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 837001 | 4 EACH | GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 860265 | 3 EACH | RELOCATE EXISTING SIGNAL HEAD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 860284 | 21 EACH | 12 INCH L.E.D. VEHICULAR TRAFFIC SIGNAL HEAD SECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 861105 | 400 L.F. | ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 861107 | 1010 L.F. | ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 862102 | 70 L.F. | SAW CUT FOR SIGNAL (LOOP DETECTOR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800000 | 2 EACH | 16 IN. COUNTDOWN PEDESTRIAN SIGNAL HEAD SECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800000 | 1 EACH | INSTALL CONDUIT BEND IN EXISTING FOUNDATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800000 | 4 EACH | AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800000 | 3 EACH | CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800000 | 1 EACH | AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON BASE UNIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800000 | 1 EACH | REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><u>MAINTENANCE OF TRAFFIC</u></p> <p>THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.</p> <table><tbody><tr><td>STANDARD NO. MD-104.04-01 (SHOULDER WORK)</td><td>STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE)</td></tr><tr><td>STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)</td><td>STANDARD NO. MD-104.04-15 (INTERSECTION LEFT LANE, TURN BAY)</td></tr><tr><td>STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)</td><td></td></tr><tr><td>STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE)</td><td></td></tr></tbody></table> | | STANDARD NO. MD-104.04-01 (SHOULDER WORK) | STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE) | STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE) | STANDARD NO. MD-104.04-15 (INTERSECTION LEFT LANE, TURN BAY) | STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE) | | STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE) | | <p><u>EQUIPMENT LIST "C"</u></p> <p>C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA</p> <p>ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STANDARD NO. MD-104.04-01 (SHOULDER WORK) | STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE) | STANDARD NO. MD-104.04-15 (INTERSECTION LEFT LANE, TURN BAY) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><u>PROJECT CONTACTS</u></p> <p>THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:</p> <table><tbody><tr><td>MR. JEFF WENTZ ASSISTANT DISTRICT ENGINEER - TRAFFIC PHONE: (301) 513-7358</td><td>MR. AUGIE REBISH DISTRICT UTILITY ENGINEER PHONE: (301) 513-7350</td></tr><tr><td>MR. RALEIGH MEDLEY ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (301) 513-7304</td><td>MR. RICHARD L. DAFF, SR. CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630</td></tr></tbody></table> | | MR. JEFF WENTZ ASSISTANT DISTRICT ENGINEER - TRAFFIC PHONE: (301) 513-7358 | MR. AUGIE REBISH DISTRICT UTILITY ENGINEER PHONE: (301) 513-7350 | MR. RALEIGH MEDLEY ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (301) 513-7304 | MR. RICHARD L. DAFF, SR. CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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